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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Neil A. Williams & Timothy R. Hirst

Serial No.: 09/786,648

Filing Date: March 7, 2001

Art Unit 1645

Examiner:

V. Ford

For: PEPTIDE FRAGMENTS OF CHOLERA TOXIN B OR ENTEROTOXIN B
AS VACCINE ADJUVANTS

Reply to an Office Action Under 37 C.F.R. § 1.111

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

This document and its attachments are sent in reply to an Office Action dated 14
August 2001. Please enter the following amendments for prosecution of this application as
an RCE:

AMENDMENTS

In the specification:

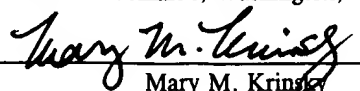
Please replace lines 4 to 8 on page 40 of the specification with the following:

Figures 2A and 2B which show the identification of loop residues in CtxB involved in CD8+
T-cells apoptosis;

Figures 3A and 3B which show mutant B subunits defective in DC8+ T-cell apoptosis retain
ability to bind to cell surface receptors;

I hereby certify that this correspondence is today being deposited with the U.S. Postal
Service as first class mail, postage paid, under 37 C.F.R. § 1.8 in an envelope addressed
to: Box RCE, Commissioner of Patents and Trademarks, Washington, DC 20231.

February 14, 2002


Mary M. Krinsky

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